CLAIMS

1. A stereoscopic video recording and reproducing apparatus comprising:

an imaging lens that incorporates a light beam of a subject from an optical axis direction of the lens to obtain a first subject image;

light-guiding means for incorporating a light beam of a subject from a direction different from the optical axis direction of the lens and guiding the light beam of the subject to the imaging lens to obtain a second subject image;

means for imaging the first subject image in a field of a video signal and imaging the second subject image in another field of the video signal;

means for synchronizing field-sequential video of the first subject image and that of the second subject image; and

means for converting the synchronized first subject image and the synchronized second subject image to a time division signal within a field.

2. The stereoscopic video recording and reproducing apparatus of claim 1 comprising:

means for recording, in a recording medium, the field-sequential video of the first subject image and the second subject image imaged by the imaging means; and

means for reproducing the field-sequential video of the

first subject image and the second subject image recorded in the recording medium;

wherein the field-sequential video of the first subject image and the second subject image obtained from the reproducing means is supplied to the synchronizing means.

3. The stereoscopic video recording and reproducing apparatus of claim 1 or 2 comprising a display portion that displays a stereoscopic image in response to the time division signal from the means for converting to a time division signal.

4. The stereoscopic video recording and reproducing apparatus of claim 3, wherein the display portion is a display portion using a lenticular lens or a display portion using a parallax barrier method.